UNITED STATES PATENT AND TRADEMARK OFFICE

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590   03/27/2008

DOCKET ADMINISTRATOR
LOWENSTEIN SANDLER PC
65 LIVINGSTON AVENUE
ROSELAND, NJ 07068

EXAMINER
BAYOU, YONAS A

ART UNIT	PAPER NUMBER
2134	

DATE MAILED: 03/27/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,168	01/28/2004	Gerard Magennis	14846-44	3385

TITLE OF INVENTION: SETUID-FILTER METHOD FOR PROVIDING SECURE ACCESS TO A CREDENTIALS STORE FOR COMPUTER SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1440	$300	$0	$1740	06/27/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: <u>Mail</u>

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or <u>Fax</u> **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590   03/27/2008

DOCKET ADMINISTRATOR
LOWENSTEIN SANDLER PC
65 LIVINGSTON AVENUE
ROSELAND, NJ 07068

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)

_____ (Signature)

_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,168	01/28/2004	Gerard Magennis	14846-44	3385

TITLE OF INVENTION: SETUID-FILTER METHOD FOR PROVIDING SECURE ACCESS TO A CREDENTIALS STORE FOR COMPUTER SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1440	$300	$0	$1740	06/27/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
BAYOU, YONAS A	2134	713-168000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☐ Issue Fee

☐ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

☐ A check is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,168	01/28/2004	Gerard Magennis	14846-44	3385

7590   03/27/2008

DOCKET ADMINISTRATOR
LOWENSTEIN SANDLER PC
65 LIVINGSTON AVENUE
ROSELAND, NJ 07068

EXAMINER
BAYOU, YONAS A

ART UNIT	PAPER NUMBER
2134	

DATE MAILED: 03/27/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 751 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 751 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

	Application No.	Applicant(s)
Notice of Allowability	10/766,168	MAGENNIS ET AL.
	Examiner	Art Unit	
	YONAS BAYOU	2134	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *02/12/2008*.

2. ☒ The allowed claim(s) is/are *1-12*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the
            International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF
    INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the
    attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)
1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
    Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
    of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
    Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____ .

DETAILED ACTION

Response to Arguments

1.   This office action is in response to applicant's response filed on

02/12/2008.

2.   Claims 1-12 have been considered.

3.   Examiner withdraws rejection of claims 1, 6 and 9 under 35 U.S.C 112-

first paragraph due to correction by the applicant.

4.   Claims 1, 6 and 9 are amended.

5.   Applicant's arguments are persuasive in the light of Examiner Amendment

above. Therefore the rejections of claims have been withdrawn.

Allowable Subject Matter

1.   Claims 1-12 are allowed.

2.   The following is an examiner's statement of reasons for allowance:

        The primary reasons for the allowance of the independent claims 1, 6 and

 9 are the inclusion of the following limitations that are not found in the prior art

and they are uniquely distinct features. The closest prior arts are Trostle, US

Patent No.: 6,775,783. Trostle discloses a method, a system and apparatus for

limiting access by a user to a networked application or service is described. In

particular, access to network security credentials that allow a user to authenticate

to application servers is more effectively controlled. This is accomplished by

storing the user's credentials in memory that is only accessible by a local security

authority (LSA). The host 202 (see fig. 1) also includes a logon program 208

which can be invoked by one or more users to initiate one or more corresponding

logon processes LP-1 through LP-n. The logon processes LP-1 through LP-n

operate interactively with the corresponding users to facilitate logon of the user to

the host 202. The host 202 can also include an application service or client 210

and related security library 212. For example, the application client 210 can be a

web browser or a directory browser. The network 204 is connected, via a

transmission medium 206, to an application server 216 which is configured to act

in response to requests from the application client 210 under certain conditions.

Of course, host 202 can also include one or more other application clients (not

shown) which can make requests to other application servers (not shown)

connected to the network 204. In particular, the logon program can interactively

prompt the user for the user identification information. In a specific example, the

logon program then passes the user information via an inter process

communication (IPC) channel to the LSA.

The request of operation 402 (see, fig. 3) can include one or more aspects

of the user information, for example, the user's user id and/or uid. Alternatively,

the security library can acquire the user information by calling the system

operating system (OS). In operation 404, the security library retrieves a secret

from the secret file (described in FIG. 2), that corresponds to the present user.

This retrieval is accomplished by correlating the user information received by the security library, with characteristics of the file that identify it as corresponding to the present user. For example, the security library can look for a file having a known common component and having another component that matches the user id acquired by the security library in operation 402. The secret retrieved in operation 404 is passed to the LSA (local security authority) in operation 406 by the security library. The security library can pass the secret through an inter process communication (IPC) channel, which can be opened, for example, by the security library before or as part of operation 404. In operation 408 the LSA identifies the credential to which the secret corresponds, according to the formation of the secret by the LSA in operation 308 of FIG. 2. The LSA then passes a credential identifier to the application client, via the security library, in operation 410. This credential identifier can be a handle or any other suitable type of information that the application client, through the security library, can later pass to the LSA and thereby facilitate identification of the appropriate credential by the LSA. In operation 418, the LSA passes the authentication information to the security library. For example, in the example where the authentication information is a Kerberos ticket, the LSA can format and send to the security library a Generic Security Service Application Program Interface (GSSAPI) Kerberos initialize security context token (KISCT) containing the service ticket and an authenticator. In addition, the LSA can maintain a copy of the authentication information. In operation 420 the security library passes the authentication information received in operation 418, to the application client. In

subsequent operations, the application client can use the authentication

information passed by the security library in operation 420, to attempt access to

the related application server (i.e., authenticate the application client to the

application server), and to thereby fulfill the user's invocation of the application

client. Such subsequent operations by the application client and application

server are well known to those skilled in the art. Operations 412 through 420 can

be performed again to reestablish a security context with the same network

service, or to establish a security context with a different network service. In fig.

4, a process diagram of a method 500 for limiting access to a networked

application, according to an embodiment of the present invention. In operation

502 of method 500, a security library retrieves a secret from a file. The security

library may perform operation 502 in response to a request from an application

client that has been invoked by a present user. Such a request can be either

directly or indirectly associated with initializing a security context for the

application client. The file, or secret file, from which the secret is retrieved in

operation 502 corresponds to and is readable and writeable by only the present

user. Operation 504 includes the security library passing the secret to an LSA.

The LSA uses the secret passed in operation 504 to identify, in operation 506, a

credential located in memory associated with the LSA processes. The LSA

identifies the credential based on a predefined one-to-one correspondence with

the secret.

However, this art, fail to anticipate or render the following limitation:

"Claims 1, 6 and 9: a computer system that effects secure access to a store, comprising: receiving a request to access a store from a first process initiated by a requester; initiating a second process responsive to said store access request, wherein data generated by said second process is accessible to said first process but inaccessible to the requester; changing a context of said second process to the user id of said store;

providing said store with an exclusive user id, said exclusive user id being different from a user id of the requestor;

said second process receiving tokenized credentials corresponding to the user id and password of the requestor from said first process responsive to said request without the use of files and without interaction with said requester;

said second process converting the tokenized credentials to the user id and password of the requestor and performing a lookup of said user id and password of the requestor in a credential store;

said second process passing a user id and password associated with said store to said first process if said user id and password of the requestor are found in said credential store;

communicating between said first process and said store via inter-process pipes; and

said first process obtaining data from said store via said inter-process

pipes responsive to said store access request using said user id and password

associated with said store."

Any comments considered necessary by applicant must be submitted no

later than the payment of the issue fee and, to avoid processing delays, should

preferably accompany the issue fee. Such submissions should be clearly labeled

"Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from

the examiner should be directed to YONAS BAYOU whose telephone number is

(571)272-7610. The examiner can normally be reached on m-f,7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Kambiz Zand can be reached on 571-272-3811. The fax

phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

Information regarding the status of an application may be obtained from

the Patent Application Information Retrieval (PAIR) system. Status information

for published applications may be obtained from either Private PAIR or Public

PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-

direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-

free). If you would like assistance from a USPTO Customer Service

Representative or access to the automated information system, call 800-786-

9199 (IN USA OR CANADA) or 571-272-1000.

/Yonas Bayou/

Examiner, Art Unit 2134

03/21/2008
        /Kambiz Zand/
        Supervisory Patent Examiner, Art Unit 2134